

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1 to 10 (canceled)

Claim 11 (currently amended): The method as claimed in claim ~~10~~, ~~comprising~~ 19, wherein said at least one limiting value comprises a first limiting amplitude value and a second limiting amplitude value of the induction air flow greater than the first limiting amplitude, and wherein when a the first limiting amplitude value is exceeded, the intervention is carried out in a first manner and differently than when a the second limiting amplitude value which is greater than the first limiting amplitude is exceeded, the intervention is carried out in a second manner different from the first manner.

Claim 12 (currently amended): The method as claimed in claim ~~10~~ 19, wherein, when the said at least one predefined or

predefinable limiting value is exceeded, the intervention in a regulating circuit of the compressor ~~(5)~~ is carried out in such a way that a setpoint charging pressure is reduced.

Claim 13 (currently amended): The method as claimed in claim ~~10~~ 19, wherein, when ~~the~~ said at least one predefined or predefinable limiting value is exceeded, an exhaust gas recirculation valve ~~(12)~~ of an exhaust gas recirculation device ~~(10)~~ of the internal combustion engine ~~(1)~~ is actuated in order to open it.

Claim 14 (currently amended): The method as claimed in claim 13, wherein the compressor ~~(5)~~ forms a component of an exhaust gas turbocharger ~~(6)~~.

Claim 15 (currently amended): The method as claimed in claim ~~10~~ 19, wherein the compressor ~~(5)~~ forms a component of an exhaust gas turbocharger ~~(6)~~, and ~~in that~~ when ~~the~~ said at least one predefined or predefinable limiting value is exceeded, a guide of a device ~~(21)~~ of a turbine ~~(8)~~ of the exhaust gas turbocharger ~~(6)~~ is actuated in order to open the guide vanes.

Claim 16 (currently amended): The method as claimed in claim ~~10~~ 19, wherein when ~~the~~ said at least one predefined or predefinable limiting value is exceeded, the injection quantity of fuel injected into the internal combustion engine ~~(1)~~ is reduced.

Claim 17 (currently amended): An internal combustion engine, in particular of a motor vehicle,

- having an intake section ~~(2)~~ in which a compressor ~~(5)~~ for generating charging air and an air flow sensor ~~(4)~~ for determining an output signal which correlates to the intake air flow are arranged,
- having an engine control unit ~~(16)~~ which communicates with the air flow sensor ~~(4)~~ and uses the output signal to control and/or regulate the internal combustion engine ~~(1)~~,
- having a compressor control unit ~~(15)~~ which regulates and/or controls the compressor ~~(5)~~ as a function of a state variable which describes the behavior of the compressor ~~(5)~~,

wherein

- the air flow sensor ~~(4)~~ is arranged upstream of the

compressor ~~(5)~~ in the intake section ~~(2)~~,

- the compressor control unit ~~(15)~~ communicates with the air flow sensor ~~(4)~~ and uses the frequency and/or the amplitude of the output signal of the air flow sensor ~~(4)~~ to detect compressor creaking or compressor pumping and to control and/or regulate the compressor ~~(5)~~ accordingly.

Claim 18 (New): A method for operating a compressor in an intake section of an internal combustion engine of a motor vehicle comprising the steps of:

(a) causing an air flow sensor arranged in the intake section upstream of the compressor to generate an output signal having a frequency and an amplitude for regulating or controlling the internal combustion engine;

(b) monitoring at least one of the frequency and the amplitude of the output signal;

(c) using at least one of the frequency and the amplitude of the output signal to detect compressor creaking or compressor pumping; and

(d) carrying out intervention in a regulating or controlling fashion if compressor creaking or compressor pumping is detected.

Claim 19 (new): The method according to claim 18, wherein the detection of at least one of compressor creaking and compressor pumping corresponds to at least one of the frequency and the amplitude exceeding or dropping below at least one predefined or predefinable limiting value.